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BULLETIN No. 8

OF THE

CALIFORNIA STATE MINING BUREAU,

APRIL, 1896.

J. J. CRAWFORD, STATE MINERALOGIST.

SHOWING BY COUNTIES THE MINERAL PRODUCTIONS OF CALIFORNIA FOR THE YEAR 1895.

COMPILED BY CHARLES G. YALE, STATISTICIAN.

(FROM DIRECT RETURNS BY PRODUCERS.)

METALLIC.

COUNTIES.	Precious Metals (as per returns to U. S. Mint at S. F.) — Gold, Value	Silver, Value	Chrome, Tons	Chrome, Value	Mineral Paint, Tons	Mineral Paint, Value	Quicksilver, Flasks	Quicksilver, Value	Miscellaneous (Antimony, Copper, Lead, Manganese, and Platinum), Quantity	Miscellaneous, Value
Alameda									Tons 600	Manganese. $5,400 00
Amador	$1,391,929 40	$1,089 00							Lbs. 16,500	Copper. 1,650 00
Butte	697,260 85	8,935 53								
Calaveras	1,717,916 14	77 00							Lbs. 175,895	Copper. 16,925 00
Colusa							(d) 1	$40 00		
Contra Costa										
Del Norte	8,250 00									
El Dorado	700,101 31	447 68								
Fresno	47,249 00									
Humboldt	92,635 20									
Inyo	92,142 28	188,329 23							Lbs. 1,498,000	Lead. 46,438 00
Kern	231,433 31	46,064 28							Tons ore 33	Antimony. 1,485 00
Lake							12,856	465,074		
Lassen	25,000 00									
Los Angeles	23,300 00									
Madera	162,323 74									
Marin										
Mariposa	216,622 39	7 07								
Mendocino										
Merced	1,500 00									
Mono	552,690 54	84,910 37							Lbs. 94,400	Lead. 2,926 40
Monterey										
Napa							9,318	372,500		
Nevada	1,789,815 66	400 00			(a) 150	$2,250			Lbs. 33,255	Copper. 3,325 50
Orange	144 00									
Placer	1,599,634 79	5,272 53								
Plumas	602,951 05	271 52								
Riverside	285,106 00	2,550 00								
Sacramento	145,872 75									
San Benito							1,100	36,000		
San Bernardino	131,360 00	219,410 30								
San Diego	344,307 57	600 00								
San Francisco										
San Joaquin									Tons 280	Manganese. 2,800
San Luis Obispo	3,000 00		700	$6,650			20	800		
San Mateo										
Santa Barbara	4,000 00									
Santa Clara							7,050	253,800		
Santa Cruz										
Shasta	781,696 32	28,417 20	90	1,120						
Sierra	694,469 67	106 96								
Siskiyou	950,006 43	177 30								
Solano										
Sonoma					(b) 225	3,375	1,813	70,707		
Stanislaus	26,481 50				(c) 375	2,800	20	800		
Tehama			950	9,025						
Trinity	1,166,745 13	1,257 28					3,926	137,410		
Tuolumne	666,754 15	312 62								
Tulare	16,320 00									
Ventura										
Yolo										
Yuba	111,482 34									
Unapportioned (n)	53,786 17	11,153 83							Ozs. 150	Platinum. 900 00
Totals	$15,334,317 69	$599,789 70	1,740	$16,795	750	$8,425	36,104	$1,337,131		$81,849 90

Total value Precious Metals, $15,934,107 39. Total value Metallic Substances, inc. Precious Metals, $17,378,308 29.

NON-METALLIC. — HYDROCARBONS AND GASES.

COUNTIES.	Borax, Tons	Borax, Value	Coal, Tons	Coal, Value	Mineral Waters, Gallons	Mineral Waters, Value	Salt, Tons	Salt, Value	Miscellaneous (Asbestos, Gypsum, Magnesite, and Soda), Tons	Miscellaneous, Value	Asphaltum, Bituminous Rock, and Natural Gas, Quantity	Asphaltum etc., Value	Petroleum, Bbls.	Petroleum, Value
Alameda							43,810	$114,575						
Amador			21,323	$31,985										
Butte														
Calaveras														
Colusa							40	400						
Contra Costa			48,635	139,655										
Del Norte														
El Dorado														
Fresno									600	Gypsum. $4,800				
Humboldt					24,000	$12,000								
Inyo	400	$40,000							1,900	Soda. 47,500				
Kern											Tons. 1,400	Asphaltum. $28,000	(g) 116	$116
Lake					87,500	42,000								
Lassen														
Los Angeles									3,790	Gypsum. 37,820			979,695	732,817
Madera														
Marin														
Mariposa														
Mendocino			50	150										
Merced														
Mono														
Monterey														
Napa					199,397	99,700			2,200	Magnesite. 17,000				
Nevada														
Orange			900	4,000										
Placer									25	Asbestos. 1,000				
Plumas														
Riverside			7,950	15,000			4,000	8,000	18	Gypsum. 144				
Sacramento														
San Benito									750	Gypsum. 8,250				
San Bernardino	5,559	555,900					3,481	20,101						
San Diego					48,000	11,500	700	5,000						
San Francisco														
San Joaquin											(e)	Natural Gas. $100,000		
San Luis Obispo											Tons. 6,354	Bit. Rock. 17,600		
San Mateo														
Santa Barbara					22,500	3,000					Tons. 23,950	Asphaltum. 139,000	16,904	12,678
Santa Clara					20,000	5,000					Cu. ft. 800,000	(f) Natural Gas. 12,000	4,000	10,000
Santa Cruz											Tons. 32,067	Bit. Rock. 102,486		
Shasta														
Sierra														
Siskiyou														
Solano					200,000	80,800								
Sonoma					80,000	32,500								
Stanislaus														
Tehama														
Trinity														
Tuolumne														
Tulare														
Ventura											Tons. 175	Asphaltum. 3,500	244,624	244,624
Yolo														
Yuba														
Unapportioned (n)			1,000	3,000	20,000	5,000	1,000	2,500			Tons. 500	Bit. Rock. 1,500		
Totals	5,959	$595,900	79,858	$193,790	701,397	$291,500	53,031	$150,576		$116,514		$404,086	1,245,339	$1,000,235

Total value Non-Metallic Substances, $1,348,280.

Total value Hydrocarbons and Gases, $1,404,321.

STRUCTURAL MATERIALS.

COUNTIES.	Clays and Hydraulic Cement, Quantity	Clays, Value	Granite, Cubic Feet	Granite, Value	Limestone — Lime, Bbls.	Lime, Value	Limestone — Stone, Tons	Stone, Value	Macadam, Tons	Macadam, Value	Rubble Rock and Paving Blocks, Quantity	Rubble etc., Value	Miscellaneous (Marble, Onyx, Sandstone, Serpentine, Soapstone, and Slate), Quantity	Miscellaneous, Value
Alameda	(h) M 12,000	Brick. $60,000							94,220	$94,372			Cu. ft. 500	Sandstone. $300
Amador	Tons 9,960	Pottery. 10,285											Cu. ft. 4,864	Marble. 6,566
Butte														
Calaveras														
Colusa														
Contra Costa														
Del Norte														
El Dorado					28,500	$28,500							Squares 1,350	Slate. 9,450
Fresno														
Humboldt											(k) Tons 187,229	Rubble. $251,586		
Inyo													Cu. ft. 10,000	Marble. 50,000
Kern					25,400	24,980	(j) 10,000	$10,000						
Lake														
Lassen														
Los Angeles	M 45,800	Brick. 235,000							52,700	43,375			(m)	4,375
Madera			39,590	$49,662										
Marin	M 29,000	Brick. 145,000	7,000	5,000					3,162	3,860	(l) M [illegible]166	Paving Blks. 3,930		
Mariposa														
Mendocino														
Merced														
Mono													Cu. ft. 800	Calif. Onyx. 8,000
Monterey														
Napa														
Nevada														
Orange														
Placer	Tons 15,000	Pottery. 15,000	44,359	56,120							Tons 2,400	Rubble. 500		
Plumas														
Riverside	Tons 7,700	Pottery. 9,400	26,500	13,375	20,000	20,000	10,000	10,000	9,720	14,580				
Sacramento	M 13,125	Brick. 65,625	(i) 85,000	State's use.										
San Benito					41,000	41,000			19,408	19,000				
San Bernardino	Bbls. 16,283	Cement. 32,556	23,000	37,672	87,864	87,864	30,000	30,000						
San Diego											Tons 27,249	Rubble. 25,000		
San Francisco									400,000	322,750	Tons 98,600	Rubble. 49,446	Tons 15,000	Sandstone. 7,500
San Joaquin														
San Luis Obispo	M 750	Brick. 3,750									Tons 56,960	Rubble. 45,520	Cu. ft. 400	Calif. Onyx. 4,000
San Mateo	Tons 5,000	Pottery. 5,000												
Santa Barbara														
Santa Clara	M 24,750	Brick. 131,250							35,000	31,000	Tons 11,600	Rubble. 2,900		
Santa Cruz	M 497	Brick. 2,485			145,000	133,750	12,055	12,055	4,000	4,000				
Shasta														
Sierra														
Siskiyou														
Solano							4,300	4,635	22,440	18,050	M 30	Paving Blks. 1,600		
Sonoma	M 350	Brick. 1,750									M 2,[illegible]36	Paving Blks. 67,808	Cu. ft. 3,000	Sandstone. 1,700
Stanislaus	M 500	Brick. 2,500												
Tehama														
Trinity														
Tuolumne														
Tulare			3,000	2,500										
Ventura													Cu. ft. 16,200	Sandstone. 16,500
Yolo													Cu. ft. 542	Sandstone. 1,873
Yuba														
Unapportioned (n)	M 5,000	Brick. 25,000	60,000	60,000	50,000	50,000	5,000	5,000	200,000	150,000	Tons 30,000	Rubble. 20,000	Cu. ft. 20,000	Sandstone. 7,500
Totals		$744,601	288,449	$224,329	397,764	$386,094	71,355	$71,690	840,650	$700,987		$468,290		$117,764

Total value Structural Materials, $2,713,755 00.

TOTAL PRODUCT OF COUNTIES.

1895. Value	COUNTIES.	1894. Value
$274,647 00	Alameda	$242,050 00
1,443,504 40	Amador	1,394,042 81
706,196 38	Butte	473,672 65
1,734,918 14	Calaveras	2,192,029 47
440 00	Colusa	7,500 00
139,655 00	Contra Costa	94,000 00
8,250 00	Del Norte	8,000 00
738,498 99	El Dorado	386,763 67
52,049 00	Fresno	12,902 00
356,221 20	Humboldt	247,779 86
464,409 51	Inyo	327,076 91
342,078 59	Kern	587,960 91
507,074 00	Lake	382,954 00
25,000 00	Lassen	35,283 00
1,076,717 00	Los Angeles	716,705 00
211,985 74	Madera	199,465 60
157,790 00	Marin	189,350 00
216,629 46	Mariposa	153,746 26
150 00	Mendocino	
1,500 00	Merced	762 50
648,527 31	Mono	371,873 58
	Monterey	9,500 00
489,200 00	Napa	351,527 00
1,795,391 16	Nevada	1,843,965 31
4,144 00	Orange	6,000 00
1,677,527 32	Placer	1,946,578 89
603,222 57	Plumas	499,358 83
378,155 00	Riverside	160,956 50
211,497 75	Sacramento	126,576 00
104,250 00	San Benito	86,285 00
1,114,863 30	San Bernardino	1,099,643 67
386,407 57	San Diego	323,222 33
379,696 00	San Francisco	296,889 00
102,800 00	San Joaquin	75,893 00
81,320 00	San Luis Obispo	72,685 00
5,000 00	San Mateo	
158,678 00	Santa Barbara	92,800 00
445,950 00	Santa Clara	363,533 00
254,776 00	Santa Cruz	223,505 00
811,233 52	Shasta	715,768 99
694,576 63	Sierra	604,721 54
1,030,983 73	Siskiyou	761,381 83
24,285 00	Solano	8,225 00
177,840 00	Sonoma	62,756 00
30,081 50	Stanislaus	28,678 50
11,525 00	Tehama	12,680 00
1,305,412 41	Trinity	1,017,990 84
667,066 77	Tuolumne	548,520 22
18,820 00	Tulare	10,000 00
264,624 00	Ventura	372,622 00
1,873 00	Yolo	1,000 00
111,482 34	Yuba	107,480 20
395,340 00	Unapportioned (n)	348,632 57
$22,844,664 29	Totals	$20,203,294 44
1895.		1894.

Tons are of 2,000 pounds. Spot values.
Counties not mentioned made no mineral production during 1895.
(a) Copper Paint.
(b) Red Oxide of Iron.
(c) Ocher.
(d) Flasks of 76½ pounds.
(e) Value of that commercially used.
(f) Natural Carbonic Acid Gas from a mine.
(g) Barrels of 42 gallons. Since January 1, 1896, price has advanced 40 cents and over, a barrel.
(h) Includes both common and pressed.
(i) Folsom Prison product. Being for State use, value is not given.
(j) For smelting-flux, beet-sugar manufacture, etc.
(k) For sea-wall construction by Government, railroad work, etc.
(l) So-called Basalt Blocks.
(m) See Miscellaneous Totals—Structural Materials.
(n) Unapportioned includes product of single mines, etc., in counties, so as to conceal their identity; and also includes estimates of product of properties known to be working, but from which no returns were obtained.

MISCELLANEOUS TOTALS.—METALLIC.

Antimony	33 tons	$1,485 00
Copper (fine)	225,650 pounds	21,900 50
Lead	1,592,400 pounds	49,364 40
Manganese	880 tons	8,200 00
Platinum	150 ounces	900 00
		$81,849 90

MISCELLANEOUS TOTALS.—NON-METALLIC.

Asbestos	25 tons	$1,000 00
Gypsum	5,158 tons	51,014 00
Magnesite	2,200 tons	17,000 00
Soda	1,900 tons	47,500 00
		$116,514 00

TOTALS.—ASPHALTUM, BITUMINOUS ROCK, AND NATURAL GAS.

Asphaltum	25,525 tons	$170,500 00
Bituminous Rock	38,921 tons	121,586 00
Natural Gas		112,000 00
		$404,086 00

MISCELLANEOUS TOTALS.—STRUCTURAL MATERIALS.

Marble	14,864 cubic feet	$56,566 00
Onyx (California)	1,200 cubic feet	12,000 00
Paving Blocks	2,332 M	73,338 00
Rubble	414,038 tons	394,952 00
Sandstone	55,212 cubic feet	35,373 00
(m) Serpentine	4,000 superficial feet	4,000 00
(m) Soapstone	25 tons	375 00
Slate	1,350 squares	9,450 00
		$586,054 00

TOTALS.—HYDRAULIC CEMENT AND CLAYS FOR BRICK, POTTERY, ETC.

Cement (Hydraulic)	16,283 barrels	$32,556 00
Bricks	131,772 M	672,360 00
Pottery, Sewer-pipe, etc.	37,660 tons	39,685 00
		$744,601 00

BULLETIN No. 7

OF THE

CALIFORNIA STATE MINING BUREAU,

J. J. CRAWFORD, STATE MINERALOGIST,

SHOWING BY COUNTIES THE MINERAL PRODUCTIONS OF CALIFORNIA FOR THE YEAR 1894.

COMPILED BY CHARLES G. YALE, STATISTICIAN.

METALLIC.

COUNTIES.	PRECIOUS METALS. GOLD. Value.	PRECIOUS METALS. SILVER. Value.	CHROME. Tons.	CHROME. Value.	MINERAL PAINT. Tons.	MINERAL PAINT. Value.	QUICKSILVER. Flasks.	QUICKSILVER. Value.	MISCELLANEOUS. ANTIMONY, COPPER (CEMENT), IRON, LEAD, MANGANESE, AND PLATINUM. Quantity.	MISCELLANEOUS. Value.
Alameda									Tons 468	Manganese. $4,962
Amador	(a) $1,331,916 54	$280 27								
Butte	473,672 65									
Calaveras	2,119,365 67	5,182 80			(d) 115	$2,530			Lbs. 65[illegible],866	Copper. (c) 64,951
Colusa										
Contra Costa										
Del Norte	8,000 00									
El Dorado	366,707 67	356 00								
Fresno	8,202 00									
Humboldt	41,326 00	13 86								
Inyo	52,638 91	83,640 00							Lbs. 90[illegible],000 / Tons 92	Lead. 27,000 / Antimony. 3,720
Kern	310,706 91	39,700 00								
Lake							(g) 12,471	$382,954		
Lassen	35,283 00									
Los Angeles	34,500 00									
Madera	167,791 60	180 00								
Marin										
Mariposa	153,707 51	38 75								
Merced	762 50									
Mono	358,824 46	11,549 12							Lbs. 5[illegible],000	Lead. 1,500
Monterey	8,000 00									
Napa							9,705	298,016		
Nevada	1,830,154 80	475 51			(e) 290	5,800			Lbs. 8[illegible],728	Copper. 7,535
Orange										
Placer	1,851,214 52	664 37								
Plumas	499,358 83									
Riverside	93,322 50									
Sacramento	70,326 00									
San Benito							1,005	30,861	Tons 58	Antimony. 2,280
San Bernardino	130,419 78	148,242 89								
San Diego	266,408 73	189 60								
San Francisco										
San Joaquin									Tons 55	Manganese. 550
San Luis Obispo	1,200 00		(b) 800	$10,500						
Santa Barbara										
Santa Clara							7,235	222,169		
Santa Cruz										
Shasta	617,436 68	5,032 31	1,200	16,800					Tons 200	Iron. 1,500
Sierra	604,721 54									
Siskiyou	760,781 83								Ozs. 100	Platinum. 600
Solano										
Sonoma					(d) 100	[illegible]				
Stanislaus	26,368 50				(d) 105	2,810				
Tehama			1,680	12,680						
Trinity	1,012,665 84	325 00								
Tuolumne	547,448 06	1,072 16								
Tulare										
Ventura										
Yolo										
Yuba	107,480 20									
Unapportioned (r)	32,568 66	388 91								
Totals	$13,923,281 89	$297,331 55	3,680	$39,980	610	$14,140	30,416	$934,000		$114,598

Total value Precious Metals, $14,220,613 44. Total value Metallic Substances, inc. Precious Metals, $15,323,331 44.

NON-METALLIC.

COUNTIES.	BORAX. Pounds.	BORAX. Value.	COAL. Tons.	COAL. Value.	MAGNESITE. Tons.	MAGNESITE. Value.	MINERAL WATERS. Gallons.	MINERAL WATERS. Value.	SALT. Tons.	SALT. Value.	MISCELLANEOUS. ASBESTOS, GYPSUM, INFUSORIAL EARTH AND SODA. Tons.	MISCELLANEOUS. Value.
Alameda									44,450	$125,125		
Amador			15,280	$23,020								
Butte												
Calaveras												
Colusa												
Contra Costa			35,000	94,000								
Del Norte												
El Dorado												
Fresno			216	700							500	Gypsum. $4,000
Humboldt							20,000	$7,200				
Inyo	(h) 1,161,400	$81,298									1,530	Soda. 20,000
Kern												
Lake												
Lassen												
Los Angeles											1,134	Gypsum. 11,340
Madera												
Marin												
Mariposa												
Merced												
Mono												
Monterey												
Napa					1,440	$10,240	97,275	41,231			51	Inf. Earth. 2,040
Nevada												
Orange			1,500	6,000								
Placer												
Plumas												
Riverside			7,891	16,142					1,981	3,962	50	Gypsum. 100
Sacramento												
San Benito											762	Gypsum. 9,144
San Bernardino	10,378,699	726,509							1,000	3,000		
San Diego									700	5,000	50	Asbestos. 2,250
San Francisco												
San Joaquin												
San Luis Obispo												
Santa Barbara												
Santa Clara							5,000	1,250				
Santa Cruz												
Shasta							150,000	75,000				
Sierra												
Siskiyou												
Solano												
Sonoma												
Stanislaus												
Tehama												
Trinity												
Tuolumne												
Tulare												
Ventura												
Yolo												
Yuba												
Unapportioned (r)							130,000	59,800	1,000	3,000		
Totals	11,540,099	$807,807	59,887	$139,862	1,440	$10,240	402,275	$184,481	49,131	$140,087		$48,874

Total value Non-Metallic Substances, $1,331,351 00.

HYDROCARBONS AND GASES.

COUNTIES.	ASPHALTUM AND BITUMINOUS ROCK. Tons.	ASPHALTUM AND BITUMINOUS ROCK. Value.	NATURAL GAS. Cu. Ft.	NATURAL GAS. Value.	PETROLEUM. Bbls.	PETROLEUM. Value.
Alameda						
Amador						
Butte						
Calaveras						
Colusa						
Contra Costa						
Del Norte						
El Dorado						
Fresno						
Humboldt						
Inyo						
Kern	6,900	(i) Asphaltum. $138,000			(l) 11,215	$69,334
Lake						
Lassen						
Los Angeles					475,650	617,065
Madera						
Marin						
Mariposa						
Merced						
Mono						
Monterey	500	Bit. Rock. 1,500				
Napa						
Nevada						
Orange						
Placer						
Plumas						
Riverside						
Sacramento						
San Benito						
San Bernardino						
San Diego						
San Francisco						
San Joaquin				(k) $75,000		
San Luis Obispo	9,432	Bit. Rock. 32,263				
Santa Barbara	4,550	Asphaltum. 91,000			1,800	1,800
Santa Clara			(j) 80,000	4,072	3,500	8,500
Santa Cruz	20,782	Bit. Rock. 79,930				
Shasta						
Sierra						
Siskiyou						
Solano						
Sonoma						
Stanislaus						
Tehama						
Trinity						
Tuolumne						
Tulare						
Ventura	248	Asphaltum. 4,800			290,913	367,822
Yolo						
Yuba						
Unapportioned (r)	500	Bit. Rock. 1,500				
Totals		$348,993	80,000	$79,072	783,078	$1,064,521

Total value Hydrocarbons and Gases, $1,492,586 00.

STRUCTURAL MATERIALS.

COUNTIES.	CLAYS AND HYDRAULIC CEMENT. Quantity.	CLAYS AND HYDRAULIC CEMENT. Value.	GRANITE. Cubic Feet.	GRANITE. Value.	LIMESTONE. LIME. Bbls.	LIME. Value.	LIMESTONE. STONE. Tons.	STONE. Value.	MACADAM. Tons.	MACADAM. Value.	PAVING BLOCKS. M.	PAVING BLOCKS. Value.	RUBBLE ROCK. Tons.	RUBBLE ROCK. Value.	MISCELLANEOUS. BUILDING AND CONCRETE SANDSTONE, MARBLE, ONYX, AND SLATE. Quantity.	MISCELLANEOUS. Value.	TOTAL PRODUCT OF COUNTIES. Value.	COUNTIES.
Alameda	(m) M. 7,500	Brick. $37,500							59,64[illegible]2	$73,463					Cu. ft. 1,625	Bldg. Stone. $1,000	$242,050 00	Alameda.
Amador	Tons 2,500	Pottery. 3,000													Cu. ft. 25,941	Marble. 35,826	1,394,042 81	Amador.
Butte																	473,672 65	Butte.
Calaveras																	2,192,029 47	Calaveras.
Colusa															Cu. ft. 20,000	Bldg. Stone. 7,500	7,500 00	Colusa.
Contra Costa																	94,000 00	Contra Costa.
Del Norte																	8,000 00	Del Norte.
El Dorado					10,000	$8,000									Squares 1,800	Slate. 11,700	386,763 67	El Dorado.
Fresno																	12,902 00	Fresno.
Humboldt													(q) 148,686	$199,240			247,779 86	Humboldt.
Inyo															Cu. ft. 12,500	Marble. 62,500	327,076 91	Inyo.
Kern					33,000	26,500											587,960 91	Kern.
Lake																	382,954 00	Lake.
Lassen																	35,283 00	Lassen.
Los Angeles	M. 7,500	Brick. 37,500			9,500	10,800									Cu. ft. 11,000	Bldg. Stone. 5,500	716,705 00	Los Angeles.
Madera			48,858	$31,494													199,465 60	Madera.
Marin	M. 28,500	Brick. 172,500							6,250	8,750	(p) 100	$3,100	2,800	5,000			189,350 00	Marin.
Mariposa																	153,746 26	Mariposa.
Merced																	762 50	Merced.
Mono																	371,873 58	Mono.
Monterey																	9,500 00	Monterey.
Napa																	351,527 00	Napa.
Nevada																	1,843,965 31	Nevada.
Orange																	6,000 00	Orange.
Placer	Tons 22,000	Pottery. 27,500	65,119	66,700									1,500	500			1,946,578 89	Placer.
Plumas																	499,358 83	Plumas.
Riverside	Tons 3,700	Pottery. 4,230	24,100	24,000	24,000	19,200											160,956 50	Riverside.
Sacramento	M. 11,250	Brick. 56,250	(n) 75,000 State's use.														126,576 00	Sacramento.
San Benito					40,000	44,000											86,285 00	San Benito.
San Bernardino	Bbls. 8,000	Cement. 21,600	31,000	31,622	40,000	32,000	(o) 5,000	$6,250									1,099,643 67	San Bernardino.
San Diego													30,384	49,374			323,222 33	San Diego.
San Francisco							20	25	275,000	211,500			2,067	2,564	Tons 18,000	Con'te Stone. 82,800	296,889 00	San Francisco.
San Joaquin	Tons 275	Pottery. 343															75,893 00	San Joaquin.
San Luis Obispo													4,496	8,722	Cu. ft. 500	Calif. Onyx. 20,000	72,685 00	San Luis Obispo.
Santa Barbara																	92,800 00	Santa Barbara.
Santa Clara	M. 22,725	Brick. 119,250													Cu. ft. 24,000	Bldg. Stone. 8,292	363,533 00	Santa Clara.
Santa Cruz	M. 75	Brick. 375			167,000	138,200	4,000	5,000									223,505 00	Santa Cruz.
Shasta																	715,768 99	Shasta.
Sierra																	604,721 54	Sierra.
Siskiyou																	761,381 83	Siskiyou.
Solano							6,400	8,000	30[illegible]	225							8,225 00	Solano.
Sonoma	M. 375	Brick. 1,875							6[illegible]	[illegible]	2,217	56,881					62,756 00	Sonoma.
Stanislaus																	28,678 50	Stanislaus.
Tehama																	12,680 00	Tehama.
Trinity			3,620	5,000													1,017,990 84	Trinity.
Tuolumne																	548,520 22	Tuolumne.
Tulare			4,668	10,000													10,000 00	Tulare.
Ventura																	372,622 00	Ventura.
Yolo															Cu. ft. 2,500	Bldg. Stone. 1,000	1,000 00	Yolo.
Yuba																	107,480 20	Yuba.
Unapportioned (r)	M. 3,750	Brick. 31,875	60,000	60,000	50,000	40,000			100,000	75,000	200	7,000	30,000	30,000	Cu. ft. 20,000	Bldg. Stone. 7,500	348,632 57	Unapportioned. (r)
Totals		$513,798	312,365	$228,816	373,500	$318,700	15,420	$19,275	441,867	$369,438	2,517	$66,981	219,933	$295,400		$243,618	$20,203,294 44	Totals.

Total value Structural Materials, $2,056,026 00.

The table is based on direct returns from Producers to State Mining Bureau. Tons are of 2,000 lbs. Spot values.
Counties not mentioned in this list made no mineral production during 1894.
(a) Based on returns at San Francisco Mint.
(b) Concentrated.
(c) From 78 to 82 per cent Copper.
(d) Ocher.
(e) Copper Paint.
(f) Red Oxide of Iron.
(g) Flasks of 76½ pounds.
(h) Valued at New York price.
(i) In Kern County, partly residuum from Petroleum.
(j) Natural Carbonic Acid Gas from a mine.
(k) Value of that commercially used.
(l) Barrels of 42 gallons.
(m) Includes both common and pressed.
(n) Folsom Prison product, being for State's use, value is not given.
(o) For Flux, and for Beet Sugar manufacture.
(p) So-called Basalt Blocks.
(q) All under this head used for sea-wall construction by Government.
(r) Unapportioned includes product of single mines, etc., in counties, so as to conceal their identity; and also includes estimates of product of properties known to be working, but from which no returns were obtained.

MISCELLANEOUS TOTALS.—METALLIC.

Antimony	150 tons	$6,000 00
Copper Cement	738,594 pounds	72,486 00
Iron	200 tons	1,500 00
Lead	950,000 pounds	28,500 00
Manganese	523 tons	5,512 00
Platinum	100 ounces	600 00
		$114,598 00

MISCELLANEOUS TOTALS.—NON-METALLIC.

Asbestos	50 tons	$2,250 00
Gypsum	2,446 tons	24,584 00
Infusorial Earth	51 tons	2,040 00
Soda	1,530 tons	20,000 00
		$48,474 00

MISCELLANEOUS TOTALS.—STRUCTURAL MATERIALS.

Building Sandstone	79,125 cubic feet	$30,792 00
Concrete Sandstone	18,000 tons	82,800 00
Marble	38,441 cubic feet	98,326 00
Onyx (California)	500 cubic feet	20,000 00
Slate	1,800 squares	11,700 00
		$243,618 00

TOTALS.—ASPHALTUM AND BITUMINOUS ROCK.

Asphaltum	11,698 tons	$233,800 00
Bituminous Rock	31,214 tons	115,193 00
		$348,993 00

TOTALS.—HYDRAULIC CEMENT AND CLAYS FOR BRICK, POTTERY, ETC.

Cement (Hydraulic)	8,000 barrels	$21,600 00
Bricks	81,675 M.	457,125 00
Pottery, Sewer-pipe, etc.	28,475 tons	35,073 00
		$513,798 00

p3592